

# PolyAmine Manganese Organic

## GUARANTEED ANALYSIS

Manganese (Mn).....5.60 %  
5.6% Complexed Manganese  
*Derived from Manganese Amino Acid Complex*

## GENERAL RECOMMENDATIONS

This amino acid complex is manufactured and designed for foliar and soil application on plants to prevent or correct deficiencies that usually occur when plants are small and may limit crop growth and yields. This product is readily available and rapidly absorbed by the plant because of the natural complexing properties. It is designed for foliar, row or broadcast application and is water soluble and non-toxic to plants when applied as directed. This product is a proprietary formulation that has been specifically reacted with emulsion polymerization that provides a wide range of mixing ease with other fertilizers or chemicals.

## DIRECTIONS FOR USE

This product can be included in a regular spray program on crops. The rate of application will depend on the crop, stage of growth, and severity of deficiency. The maximum recommended rates are for mature, full-sized plants. Reduce the rates proportionately when spraying smaller plants.

**SHAKE WELL BEFORE USING. DO NOT APPLY UNDILUTED.** Apply using a spray method in an adequate amount of water that will provide complete coverage of the plants. Use of non-ionic wetting agent may improve spray coverage of certain hard to wet plants.

## APPLICATION RATES

**Field Crops and Vegetables:** Apply 8 to 32 fl. oz. per acre during periods of rapid growth or nutritional stress. The applications may be repeated two (2) or more times throughout the growing season.

**Tree Crops:** Make an application of 8 to 32 fl. oz. per acre after the beginning of active growth. The application may be repeated at 2 to 4 week intervals throughout the growing season. On deciduous trees, 8 to 32 fl. oz. may be applied in the oil sprays at the delayed dormant stage. Post-harvest application of 8 to 32 fl. oz. may be made while active, green leaves remain on the trees.

**Grapes and Berries:** Make an application of 8 to 32 fl. oz. per acre after active growth begins. The applications may be repeated at intervals of one week or more throughout the vegetative growth period.

**Turf:** Apply 0.5 to 1.0 fl. oz. per 1000 sq. ft. during periods of active growth.

**Ornamental Trees, Shrubs and Flowering Plants:** Dilute at a rate of 2 to 32 fl. oz. in ten (10) or more gallons of water and spray to complete coverage.

**Air Application:** 6-18 ounces per acre in 3-8 gallons of water.

## STORAGE AND HANDLING

Store in a cool, dry place. Keep container tightly closed and out of direct sunlight during storage for extended amounts of time. Do not add water or other material to the container. Do not contaminate water, food, or feed by storage or disposal. **Store above 32°F.**

## IRRIGATION STATEMENT

Applications can be made through certain irrigation systems including, but not limited to, low volume systems and typical agricultural sprinkler systems. The specific injection equipment and irrigation system must conform to all federal, state and local regulations pertaining to the fertilization of plants through an irrigation system. Accurate and properly calibrated injection equipment and an irrigation system that is operated at maximum distribution uniformity will help avoid plant injury and/or product ineffectiveness. For best results, with the exception of center pivot and lateral systems, apply this product toward the end of the irrigation set. Allow sufficient time for the product to be flushed completely out of the entire irrigation system prior to turning off the irrigation water. Contact your Certified Crop Advisor for specific recommendations for your area.

## PRECAUTIONARY STATEMENT

As with all materials, user should exercise precaution to avoid potential phytotoxicity including foliar burning. Precaution is advised if applying this product in combination with other materials, a jar test for compatibility is recommended before tank mixing with other products. The pH of any final spray solution should be checked and an appropriate amount of the solution should be applied to a small area of the intended crop to ensure plant compatibility prior to the planned application. User assumes full responsibility to ensure product, equipment and plant compatibilities. **CAUTION: KEEP OUT OF REACH OF CHILDREN, HARMFUL IF SWALLOWED, PERSONAL PROTECTIVE EQUIPMENT RECOMMENDED, AND INTENDED FOR AGRICULTURAL USE. CONSULT MATERIAL SAFETY DATA SHEET FOR FURTHER INFORMATION.**

## CONDITIONS OF SALE AND USE

Verdesian Life Sciences, U.S., LLC. warrants that this Product conforms to its chemical description as stated on the label. The Product is reasonably fit for the purpose stated on the label when used in accordance with the label directions and instructions under normal conditions of use. Verdesian neither makes, nor authorizes any agent, representative or third party to make any other warranties, express or implied, including fitness for a particular purpose or merchantability. Neither the warranty of merchantability nor fitness for a particular purpose, expressed or implied, extends to the use of this Product contrary to label instructions or under abnormal conditions or under conditions not foreseeable to the Seller or Verdesian. Buyer and User acknowledge and assume all risks and liability resulting from the handling, storage and use of this Product not in accordance with directions given with the Product. To the extent consistent with applicable law, Buyer's and User's exclusive remedy, and Verdesian's or the Seller's total liability, shall be limited to damages not exceeding the cost of the Product. The foregoing are conditions of sale by Verdesian and are accepted as such by the Buyer and User.

Target Market

VEGETABLE, FIELD,  
PERMANENT CROPS  
&  
PROFESSIONALLY  
MANAGED  
LANDSCAPING

Target Usage/  
Application

FOLIAR OR SOIL  
NUTRIENT



REV 8/14 A2  
FF 01209  
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